

# EUROPEAN PATENT OFFICE

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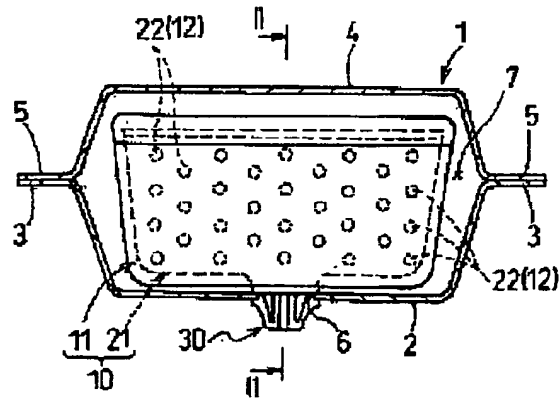
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APPLICANT : NEOEX LAB INC;

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B60R 13/08 B62D 25/04 G10K 11/16

TITLE : HOLLOW CHAMBER INTERCEPTOR IN  
HOLLOW STRUCTURE AND  
MANUFACTURE THEREOF



ABSTRACT : PROBLEM TO BE SOLVED: To attenuate sound waves in a hollow chamber of a hollow panel without making a structure complicated and to reduce residual sounds due to reflection of the sound waves.

SOLUTION: In regard to a hollow chamber interceptor in a hollow structure which has a support plate 21 fitted in a hollow chamber 7 of the hollow structure 1 and a foamable base material 11 supported by the support plate 21, foamed to be a foamed material by external heating and thus made to intercept the hollow chamber 7, the support plate 21 is formed in the shape of a flat plate intersecting perpendicularly the lengthwise direction of the hollow chamber 7 and also a required number of connecting holes 12 are provided in a piercing manner in a plate surface thereof, while the foamable base material 11 has opposite wall parts so provided as to cover the opposite surfaces of the support plate 21 and also the opposite wall parts are connected by the connecting holes 22 of the support plate.

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